CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4134 2867 / Mob : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Yelahanka Satellaite Town Sub Division,
BBMP Bangalore.

25th October 2014

Dear Sir,

Sub: Providing Chain Link Fencing to open space in B. Sector in ward No. 04.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

AE Li-4

CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
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TEST REPORT

TEST ON FINE AGGREGATES Ref IS:383/2356

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing Chain Link Fencing to open space in B Sector in ward No. 04.
Name of the Agency	Sri. M. B. Hombal
Date of Testing	17/09/2014
Specific Gravity	2.56

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970				Grading Zone
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
River Sand	10	**100**	100	100	100	100	II
	4.75	**98.9**	90-100	90-100	90-100	95-100	
	2.36	**87.3**	60-95	75-100	85-100	95-100	
	1.18	**75.1**	30-70	55-90	75-100	90-100	
	0.6	**48.2**	15-34	35-59	60-79	80-100	
	0.3	**22.6**	5-20	8-30	12-40	15-50	
	0.15	**8.2**	0-10	0-10	0-10	0-15	

Note:
1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

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Lab Incharge
Civil Tech labs

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS

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TEST REPORT

TEST ON COARSE AGGREGATES 40mm ↓ Graded Ref IS:383/2016

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing Chain Link Fencing to open space in B. Sector in ward No. 04
Name of the Agency	Sri. M. B. Hombal
Date of Testing	17/09/2014
Specific Gravity	2.68
Water Absorption in %	0.28

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
80	100	100	Satisfies the requirement
40	98.3	95-100	
20	54.1	30-70	
10	23.2	10-35	
4.75	3.8	0-5	

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Lab Incharge
Civil Tech Labs

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T-2654

To,

Assistant Executive Engineer
Yelahanka Satellaite Town Sub Division,
BBMP Bangalore.

17th September 2014

Dear Sir,

Sub: Testing of Materials.

As requested, tests on physical properties were carried out for the Materials supplied by you, for the work of **'Providing Chain Link Fencing to open space in B. Sector in ward No. 04.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

AE LI-A

CIVIL TECH LABS
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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing Chain Link Fencing to open space in B. Sector in ward No. 04.
Name of Agency	Sri. M. B. Hombal
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC Work (Coping)	27/09/2014	25/10/2014	28	8.18	368	16.36	16.59
2					8.15	380	16.89	
3					8.17	372	16.53	

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Lab Incharge
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TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BUIP
Name of Work	Providing Chain Link Fencing to open space in B. Sector in ward No. 04.
Name of the Agency	Sri. M. B. Hombal
Date of Testing	17/09/2014

Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112:1989	Remarks
	IS Code	Method	Value	Unit		
Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	48	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	IS-4031 (Part-5) 1988	VICAT	480	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	IS-4031 (Part-3) 1988	LE CHATELIER	1	mm	Not More Than 10 mm	Satisfies Requirement

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TEST REPORT

TEST ON STEEL ANGLES 65x65x6mm

Name & Address of the Customer	AGS, Yelahanka Satalite Town Sub Division, BWSSB
Name of Work	Providing Chainlink fencing to open space in sector in ward no.04.
Name of the Agency	Sri. M. B. Hundal
Date of Testing	17/09/2014

Sl.No.	Description	Result	IS 2062-1999 & 808-1989 Min. Requirements	Remarks
1	Wt/m Length (Kg/m)	5.8	5.8	Satisfactory
2	Elongation (%)	26	23	Satisfactory
3	U T S (N/Sq.mm)	41	410	Satisfactory

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TEST REPORT

GAUGE TEST ON CHAIN LINK GAUGE-8

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing Chainlink fencing to open space in sector in ward no 04
Name of the Agency	Sri. M. B. Hombal
Date of Testing	17/09/2014

Gauge Test			
Gauge	Measured Thickness in mm	Min. As Per IS : 1196-2005 in mm	Remarks
8	4.11	4.11	Satisfies The Requirement

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4. The results are based on the test conducted on samples supplied by the client.

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Lab Incharge
Civil Tech Labs